

FDP075N15A-F032 Datasheet



DiGi Electronics Part Number	FDP075N15A-F032-DG
Manufacturer	onsemi
Manufacturer Product Number	FDP075N15A-F032
Description	MOSFET N-CH 150V 130A TO220-3
Detailed Description	N-Channel 150 V 130A (Tc) 333W (Tc) Through Hole TO-220

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Manufacturer Product Number:

FDP075N15A-F032

Series:

PowerTrench®

FET Type:

N-Channel

Drain to Source Voltage (Vdss):

150 V

Drive Voltage (Max Rds On, Min Rds On):

10V

Vgs(th) (Max) @ Id:

4V @ 250µA

Vgs (Max):

±20V

FET Feature:

-

Operating Temperature:

-55°C ~ 175°C (Tj)

Supplier Device Package:

TO-220

Manufacturer:

onsemi

Product Status:

Obsolete

Technology:

MOSFET (Metal Oxide)

Current - Continuous Drain (Id) @ 25°C:

130A (Tc)

Rds On (Max) @ Id, Vgs:

7.5mOhm @ 100A, 10V

Gate Charge (Qg) (Max) @ Vgs:

100 nC @ 10 V

Input Capacitance (Ciss) (Max) @ Vds:

7350 pF @ 75 V

Power Dissipation (Max):

333W (Tc)

Mounting Type:

Through Hole

Package / Case:

TO-220-3

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8541.29.0095

Moisture Sensitivity Level (MSL):

1 (Unlimited)

ECCN:

EAR99

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